



# **Annual Class Size Report**

## **April 2024**

### **Board Policy IIB-R-1**

*“The greatest remedy in the world is change; and change implies the passing from the old to the new. It is also the only path that leads from the lesser to the greater, from the dream to the realty, from the wish to the heart’s desire fulfilled.”*

## **Executive Summary**

Board Policy IIB-R-1 states the following recommended criteria for evaluating class size:

Grade Level	Ratio
K	24:1
1-3	25:1
4-6	28:1
7-12	30:1

Every class offered in the school district is listed the appendix section of this report. The following is offered as an executive summary.

The average class size is calculated based on the actual number of students in a classroom with a teacher. The student / teacher ratio uses the total number of students in the school compared to the total number of licensed teachers who provide instruction to students. The student teacher ratio includes reading specialists, elective and specials teachers (art, music, technology, etc.) special education teachers, and other specialists (G/T and ELL) who teach children, and does not include paraprofessionals, counselors, administrators or any unlicensed staff. The average class size is typically larger than the student / teacher ratio because not all teachers are teaching all the time. Most teachers have a planning period.

### **Elizabeth High School**

The average class size at EHS is 16 students per class. The average class size for core subject areas is 15. The student / teacher ratio for the school is 20:1. There are 5 classes offered at EHS that exceed the recommended 30:1 ratio.

The following is a listing of the classes that exceed a recommended 30:1 ratio

Concert Band – 47 students	Sports for Life – 39 students
Women's Strength & Cond – 32 students	Athletic Speed & Agility – 40 students
Team Sports – 40 students	

Average class size for core subject areas are

Language Arts – 16	Science – 17
Mathematics – 14	Social Studies – 14

### **Elizabeth Middle School**

The average class size at EMS is 22 students per class. The student / teacher ratio for the school is 26:1. There are 4 classes offered at EMS that exceed the recommended 30:1 ratio.

The following is a listing of the classes that exceed a recommended 30:1 ratio

Writing 6 – 31 students  
Science 6 – 31 students  
Geography 6 – 31 students  
American History – 31 students

**Singing Hills Elementary School**

The average class size at Singing Hills Elementary is 22 students per class. The student / teacher ratio is 16:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size:

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Singing Hills</u>
K	24:1	22:1
1-3	25:1	21:1
4-5	28:1	23:1

**Running Creek Elementary School**

The average class size at Running Creek Elementary is 20 students per class. The student / teacher ratio is 15:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size:

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Running Creek</u>
K	24:1	18:1
1-3	25:1	18:1
4-5	28:1	23:1

# **APPENDIX**

# Singing Hills Elementary School

Mrs. Carlisle	Kindergarten	22	
Mrs. Forsythe	Kindergarten	22	
Mrs. Holmes	Kindergarten	<u>21</u>	
		<b>Total</b>	65
Mrs. Roberts	1st Grade	22	
Ms. Lagomasino	1st Grade	23	
Ms. Fouts	1st Grade	<u>23</u>	
		<b>Total</b>	68
Mr. Wilson	2nd Grade	20	
Mrs. Battistoni	2nd Grade	21	
Mrs. Baird (Brunn)	2nd Grade	21	
Mrs. Stout	2nd Grade	<u>21</u>	
		<b>Total</b>	83
Mrs. Lynch	3rd Grade	18	
Mrs. Rusk	3rd Grade	18	
Ms. McFarlin	3rd Grade	<u>18</u>	
		<b>Total</b>	54
Mrs. DeCristino	4th Grade	23	
Miss. Crossland	4th Grade	23	
Mrs. Strobel	4th Grade	<u>22</u>	
		<b>Total</b>	68
Ms. Midiri	5th Grade	23	
Ms. Hellmund	5th Grade	22	
Ms. Schmidt	5th Grade	<u>22</u>	
		<b>Total</b>	<u>67</u>
		<b>Total student count</b>	<u>405</u>

## Running Creek Elementary School

### KINDERGARTEN TOTAL 51

Theobald	17
Lenz	17
Agee	17

### 1<sup>ST</sup> GRADE

Schaben	20	TOTAL 54
Wilkinson	17	
Muns	17	

### 2<sup>ND</sup> GRADE TOTAL 51

Conley	16
Herrick	17
VanEpps	18

### 3<sup>RD</sup> GRADE

Schuck	23	TOTAL 47
Barksdale	24	

### 4<sup>TH</sup> GRADE

Myers	26	TOTAL 53
Papulias	27	

### 5<sup>TH</sup> GRADE

Lamb	17		
Harty	16		
Jones	16	TOTAL 49	TOTAL COUNT = 305

# Elizabeth Middle School

DEPT	COURSE NAME	AVG #	DEPT	COURSE NAME	AVG #
<b>COMPUTERS</b>			<b>MUSIC</b>		
	Computer Exploration (2)	20		Beginning Band 6	20
	Computer Innovations (2)	13		Band 7	24
	Comp. & Graphics	12		Band 8	20
	Yearbook 8	14		Beginning Orchestra 6	14
				Orchestra 7	3
				Orchestra 8	10
<b>TECHNOLOGY (STEAM )</b>				Choir 6	18
	Into to Engineering 6 (2)	22		Choir 7	16
	Engineering 7	14		Choir 8	15
	Robotics 7	17	<b>DRAMA</b>		
	Woodwork 8	23		Drama 6	15
	Engineering 8	15		Drama 7	9
<b>FINE ARTS</b>				Drama 8	13
	Intro to Art (2)	22	<b>SCIENCE</b>		
	Studio Art 8	24		Science 6 (5)	29
	3D Design	27		Science 7 (5)	24
	2D Art	28		Science 8 (5)	26
<b>LANGUAGE ARTS</b>			<b>SOCIAL STUDIES</b>		
	Reading 6 (4)	28		Geography 6 (5)	29
	Adv. Reading 6	26		World History 7 (5)	24
	Writing 6 (4)	28		American History 8 (5)	26
	Adv. Writing 6	26	<b>PHYSICAL ED</b>		
	Reading 7 (4)	20		Health 6 (2)	24
	Adv. Reading 7	28		Health 7 (2)	20
	Writing 7 (4)	20		Health 8 (2)	23
	Adv. Writing 7	28		P.E. 6 (2)	26
	Reading 8	24		P.E. 7 (2)	18
	Adv. Reading 8	26		P.E. 8 (2)	24
	Writing 8 (4)	24	<b>ADVISORY</b>		
	Adv. Writing 8	27		6th (6)	24
<b>CREDIT RECOVERY</b>				7th (6)	20
		0		8th (6)	22
<b>MATH</b>					
	Math 6 (4)	29			
	Adv. Math 6th	27			
	Math 7 (4)	22			
	Pre-Algebra 6	1			
	Pre-Algebra 7	29			
Average # of students per Core Class =					25

Pre-Algebra 8 (4)	<b>25</b>	Average # of students per Elective Class =		<b>18</b>
Algebra I	<b>25</b>	Classes with 30+ Students =		<b>4</b>
		1 Writing 6	1 Geography 6	
		1 Science 6	1 American History	
(# ) Indicates the number of sessions taught, if more than one.				



# Elizabeth High School

<i>Dept.</i>	<i>Course Name</i>	<i>Student #</i>	<i>Dept.</i>	<i>Course Name</i>	<i>Student #</i>
<b><u>Art</u></b>	Advanced 2D	7	<b><u>Music</u></b>	Bel Canto	4
	Advanced 3D	3		Chamber Choir	10
	Intermediate 3D	9		Chorale	15
	Ind. Study 2D Drawing & Design	4		Cardinal Jazz Choir	12
	AP 2-D Drawing	1		Concert Orchestra	16
	AP 2-D Art & Design	4		Jazz Band	11
	Art Through the Ages: Art	5		Concert Band	47
	Foundational 2D Art (3)	20		Small Ensemble	10
	Foundational 3D Art (2)	26	<b><u>Phys Ed</u></b>	Intro Strength & Conditioning (2)	16
	Peer Fine Art	24		Health Education (4)	24
	Ind. Study 3D Drawing & Design	1		Intro Women's Strength & Cond.	20
	Graphic Design I - Photoshop	24		Sports Strength & Conditioning (2)	26
	Graphic Design II-Illustrator	5		Women Strength & Conditioning	32
<b><u>Business</u></b>	AP Computer Science Principles	7		Team Sports	40
	PC Application (3)	26		Sports for Life	39
	Web Design	25		Body Works	23
	CE BUS 1016 Personal Finance (2)	22		Athletic Speed, Agility & Stre (2)	40
	Cyber Security	11	<b><u>Science</u></b>	Conceptual Biology	15
	Principles of Economics (2)	14		Forensic Science (4)	22
<b><u>Elective</u></b>	Automotive I (3)	24		Conceptual Physical Science	10
	Automotive II (3)	19		CP Anatomy & Physiology	12
	Consumer Automotive	21		CP Physics	11
	Cardinal Recovery (3)	23		Astronomy & World Impact	25
	Journalism-Media Communication	5		Chemistry	22
	Student Internship 1 (8)	21		CE Chemistry 1112	6
	CE Intro to Teacher Education	19		Biology (4)	22
	Student Council	30		CP Biology (4)	17
	Student Aide (3)	2		CP Chemistry (2)	22
	CE-COS/ESTI PM S2 (2)	1		CP Physical Science (4)	19
	CE-COS/ESTI AMS2 (2)	4		CP Physical Science	17
	Picken's Tech AM S2 (2)	1		CP Physical Science	19
	Picken's Tech PM S2 (2)	4		CP Physical Science	22
	Nurse Aid Training (2)	9		Environmental Science	16
	Arapahoe Community College(3)	3		Physical Science (4)	18
	Study Hall (8)	12		Water Science	6
			<b><u>Social Studies</u></b>		
	Aviation Ground Training	4		CE Western Civilization 1320	17
	Cardinal Ground School (8)	17		AP Human Geography	17
<b><u>Fam/Con</u></b>					
	Personal Finance	22		World Wars	9
	Personal Living	24		Colorado History	3
	Child Development (2)	20		American Conflicts	11
	Intro to Design	19		Eastern History	11

	Culinary I: Culinary Nutrition (3)	19
	Culinary II: Intro to Catering (2)	19
	Culinary III: Advance Catering	17
	Culinary IV: FCS Internship	1
<b><u>World Lang</u></b>	Spanish I B (4)	19
	Spanish II B (3)	9
	Spanish III B (2)	4
	Spanish IV B	7
	CE Spanish 1011 (2)	16
<b><u>Language Arts</u></b>	AP Language and Composition	9
	CP Lit & Composition 100 (2)	24
	Lit & Composition 100 (5)	21
	Lit & Composition 200 (5)	20
	Lit & Composition 300 (4)	27
	Lit & Composition 400 (4)	21
	CP Lit & Composition 200 (3)	19
	AP Literature and Composition	7
	Yearbook	14
	Lit Recovery (2)	11
	Conceptual Language Arts 1 (2)	14
	Conceptual Language Arts 1	14
	CE English 1022 (3)	15
	CE Lit 2005 (2)	8
	Conceptual Language Arts 2	16
<b><u>Math</u></b>	CE College Trigonometry 1420	12
	Statistics	8
	AP Statistics	13
	CP Algebra II (3)	21
	AP Calculus BC	5
	AP Music Theory	7
	Intermediate Math (2)	14
	Intermediate Math I (5)	22
	Intermediate Math II (9)	20
	Conceptual Integrated II	18

#### **Classes 31+ Students**

Concert Band	47
Women Strength & Conditioning	32
Team Sports	40
Sports for Life	39
Athletic Speed & Agility	40

	Global Impact	19
	CE US History 1220 (2)	14
	Global Crime	19
	Psychology II	11
	World Geography (7)	24
	AP US Gov & Politics	3
	US Government (3)	18
	World History (6)	19
	US History (4)	22
<b><u>SPED</u></b>	Life Skills Science	8
	Life Skills Math/Pers Finance	9
	Life Skills Language Arts	10
	Connections	7
	Life Skills US History/Gov	10
	Learning Support (8)	25
	Transitions	3
	AN English	7
	AN Math	5
	AN Social Studiens	3
	AN Science	4
	AN Education	6
<b><u>Technology</u></b>	Broadcasting Production (EZTV)	17
	Principles of Engineer & Tech	14
	Robotics & Automated Systems	9
	Intro to Drafting & Design	8
	Applied Engineering Design	4
	Capstone: Engineering & Tech	1
	Video Production I	21
	Video Production II	18
<b><u>Theatre</u></b>	Dance B	5
	Technical Theater	16
	Performance Theatre	10
	Theatre II	5

**Average Student/Class** 16

#### **Core Classes**

Lang/Arts	16
Math	14
Science	17
Social Studies	14

## STUDENT ENROLLMENT PARAMETERS (UPDATED – 12/99)

### ASSUMPTIONS:

- Smaller class sizes are an important factor related to student learning.
- Smaller class sizes are most important in primary (K-3) grade levels, and consideration for additional staff when enrollment numbers are in the critical zone should be a priority.
- Para-educators are an important factor in providing efficient and effective operation of the school (ex. lunch and playground duty to free administrators and teachers to concentrate on other concerns). Para-educators may be especially useful for dividing classes into smaller work groups (ex. reading groups based on ability levels).
- In certain 7-12 classes, such as Science, Consumer/Family Studies, and Technology Education, smaller class sizes than those indicated below may be recommended in the interest of safety. If at all possible, computer class sizes should be limited to the number of computers in the room.

### GUIDELINES:

- Because of many factors associated with growth, the parameters below DO NOT automatically dictate a specific action. However, the middle range of numbers specified (critical zones) for each instructional level represents the points at which discussions should begin concerning additional staffing (not when the maximums are reached).
- In applying the parameters below, consideration should also be given for special education students and teacher-student loads during the preceding two to four year period (ex. one grade or student class should not continuously remain larger than others).
- A new teacher normally will not be added after the first six weeks of school.
- When grade level counts trigger the addition of a new teacher - the instructional aide position at that grade level (2nd-6th) will normally be reassigned or eliminated.

### PARAMETERS:

●●● Kindergarten ●●●	●●● Grades 1-3 ●●●	●●● Grades 4-6 ●●●	●●● Grades 7-12 ●●●
Recommended Max. Class Size = 24:1 <22:1 no instructional aide 22:1-24:1 one instructional aide >24:1 add new teacher (25th student - add teacher)	Recommended Max. Class Size = 25:1 <23:1 no instructional aide 23:1-25:1 one instructional aide >25:1 add new teacher (26th student - add teacher)	Recommended Max. Class Size = 28:1 <26:1 no instructional aide 26:1-28:1 one instructional aide >28:1 add new teacher (29th student - add teacher)	Recommended Max. Class Size = 30:1 (Average) <28:1 no instructional aide 28:1-30:1 one instructional aide >30:1 add new teacher (31st student - add teacher)
Ex.) 6 teachers = 144 max. students 145 students = 7th teacher new ratio = 20.7:1	Ex.) 6 teachers = 150 max. students 151 students = 7th teacher new ratio = 21.6:1	Ex.) 6 teachers = 168 max. students 169 students = 7th teacher new ratio = 24.2:1	Ex.) 6 teachers = 180 max. students 181 students = 7th teacher new ratio = 25.8:1

## CAMPUS OFFICE PARAMETERS (UPDATED – 12/99)

### ASSUMPTIONS:

The parameters identified below are established to guide decisions related to campus office personnel. They DO NOT automatically dictate a specific action.

The parameters will be used to project staffing needs based on actual student enrollments.

Decisions related to new personnel will be based on these parameters as well as other factors including: overall budget needs, current personnel in a particular campus office, additions to position responsibilities, and possible transitional personnel positions.

### PARAMETERS:

●●● ADMINISTRATION ●●●	●●● COUNSELING ●●●	●●● SECRETARIES ●●●	●●● OTHER ●●●
<b>Elementary (500-800)</b> minimum: 1 Principal  add .5 AP @ 550-600 add 1 AP @ 650-750  <b>Middle School (675-800)</b> minimum: 1 Principal 1 Assistant Principal  add 1 AP @ 750-800  <b>High School (500-1,000)</b> minimum: 1 Principal 1 Assistant Principal  1 AP per 350 students add 1 AP @ 700 add 1 AP @ 1,050	<b>Elementary (500-800)</b> minimum: 1 Counselor  1 Couns. per 550 Students add .5 Couns. @ 825 (1 or 1.5 per school)  <b>Middle School (675-800)</b> minimum: 1 Counselor  1 Couns. per 350 students add 1 Couns. @ 700  <b>High School (500-1,000)</b> minimum: 1 Counselor  1 Couns. per 300 students add 1 Couns. @ 600 add 1 Couns. @ 900	<b>Elementary (500-800)</b> probable: 1 Office manager 1 Secretary  <b>Middle School (675-800)</b> probable: 1 Office manager 2 Secretaries  <b>High School (500-1,000)</b> probable: 1 Office manager 2 Secretaries  add 1 Sec. @ 600 add 1 Sec. @ 800 add 1 Sec. @ 1,000	<b>K-12 Media Centers:</b> minimum: 1 Media Specialist 1 Media Aide  <b>K-12 School Psychologists:</b> minimum: 2.0 School Psychologists  add .5 per 500 students (K-12) above 2,000  add 2.5 @ 2,500 add 3.0 @ 3,000

File: IIB

Adopted May 20, 1981  
Revised September 9, 1999  
Revised March 10, 2014

## Class Size

The board is aware that class size has a bearing upon effective teaching and student success. It therefore directs the superintendent to work with principals and the chief financial officer in establishing reasonable and equitable enrollment levels for all teachers and classes.

The board understands that achieving this is dependent upon the financial resources available to the district. In determining the size of various classes, the administration shall consider the following factors:

- 1) A class size which will help the teacher be most effective with all students in the class.
- 2) The experience of the teacher and their familiarity with district and school programs and policies, and the characteristics of the students in the class
- 3) Required preparation and grading time for the particular class.
- 4) Physical makeup of the classroom and its equipment to ensure the safety and well-being of the students and teacher.

The board shall at least annually review the sizes of all classes and make a determination as to the appropriateness of class sizes.